

UTILITY DECLARATION AND POWER OF ATTORNEY Utility Application

COPY OF FR

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

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joint inventor (if plura	I names	are listed below) of the	only one name is listed below) subject matter which is claimed eri Epitope Peptides the specit	d and for whi	ch a patent
(Check One)		is attached hereto Of was filed on <u>Octobe</u> 09/982,259 or PCT I on (if applicab	er 17, 2001 as United States nternational Application No.	Application and was	Serial No. s amended
I hereby state that I including the claims, a	have re as amend	eviewed and understar ded by any amendment	nd the contents of the above (s) referred to above.	-identified sp	ecification,
I acknowledge the du accordance with Title	uty to dis 37, Code	sclose information whice of Federal Regulations	th is material to the patentabilis, § 1.56.	ity of this ap	plication in
foreign application(s) which designated at le identified below, by c	for pate east one hecking	nt or inventor's certific country other than the the box, any foreign a	i, United States Code, § 119(a ate, or § 365(a) of any PCT i United States of America, liste oplication for patent or invento re that of the application on whi	nternational ed below and r's certificate	application have also or of any
Prior Foreign Application Numb		Country	Date of Filing	Priority Yes	Claimed No
I hereby claim the ben application(s) listed be	efit unde elow.	er Title 35, United States	s Code § 119(e) of any United S	States provisi	onal
Application Numb	ber(s)	Filing Date		•	
I hereby claim the ber § 365(c) of any PCT	nofit und	T'4- 05 11 '4 1 01 4			

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of

the prior application and the national or PCT international filing date of this application.

POWER OF ATTORNEY: As a named inventor, I hereby revoke all previous powers of attorney and appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified invention application, all of the registered practitioners identified by Customer Number 22249:



22249

PATENT TRADEMARK OFFICE

LYON & LYON LLP Suite 4700 633 W. Fifth Street Los Angeles, CA 90071 (914) 681-8851

Please direct all inquiries to Charles M. Doyle, Esq., at the above Customer Number.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	FULL NAME OF INVENTOR	FIRST Name Bo	MIDDLE Initial	LAST Name Qiu	
201	RESIDENCE & CITIZENSHIP	City East Brunswick	State or Foreign Country NJ	Country of Citizensi Peoples Republi China	
	POST OFFICE ADDRESS	Residence Address 7 Lake Ave.	City East Brunswick	State or Country NJ	Zip Code 08816
INV	/ENTOR'S SIGNATUF	RE JOSO Si	u	DATE 2/25/0	2

	FULL NAME OF INVENTOR	FIRST Name Guobao	MIDDLE Initial	LAST Name Zhang	•
202	RESIDENCE & City CITIZENSHIP Piscataway		State or Foreign Country NJ	Country of Citizenship Peoples Republic of China	
1	POST OFFICE ADDRESS	Residence Address 900 Davidson Rd., Apt. 108	City Piscataway	State or Country NJ	Zip Code 08854
INV	ENTOR'S SIGNATUR	RE GAJ		DATE 2/23-/	102

	FULL NAME OF INVENTOR	ENTOR Stanley		LAST Name Stein		
203	RESIDENCE & CITIZENSHIP	City East Brunswick	State or Foreign Country NJ	Country of Citizen USA	ship	
	POST OFFICE ADDRESS	Residence Address 6 Rowan Court	City East Brunswick	State or Country NJ	Zip Code 08816	
INV	ENTOR'S SIGNATU	RE Staly Ster		DATE 2/27/0)2	

	FULL NAME OF INVENTOR	FIRST Name Leonard	MIDDLE Initial	LAST Name Sigal		
204 1	RESIDENCE & City State of CITIZENSHIP Plainfield NJ		State or Foreign Country NJ	Country of Citizenship USA State or Country Zip Code	ship	
	POST OFFICE ADDRESS	Residence Address 609 Belvidere Ave.	City Plainfield	State or Country NJ	Zip Code 07062	
INV	ENTOR'S SIGNATU	RE		DATE		

	FULL NAME OF INVENTOR	DR Michael		LAST Name Brunner		
205	RESIDENCE & CITIZENSHIP	City Columbus	State or Foreign Country NJ	Country of Citizen USA	ship	
	POST OFFICE ADDRESS	Residence Address 76 Greenbrook Drive	City Columbus	State or Country NJ	Zip Code 08022	
INV	ENTOR'S SIGNATUR	DATE	•			

	FULL NAME OF INVENTOR	ENTOR Michael		LAST Name Katz	
206	RESIDENCE & CITIZENSHIP	City Freehold	State or Foreign Country NJ	Country of Citizen: USA	ship
	POST OFFICE ADDRESS	Residence Address 127 Paint Island Spring Rd.	City Freehold	State or Country NJ	Zip Code 07728
INV	ENTOR'S SIGNATUR	E		DATE	





I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and

ORIGINALLY FILED Lyon & Lyon LLP Docket Information 271/289

Status-Patented,

Pending or

Abandoned

As a below named inventor, I hereby declare that:

U.S. Parent

Application Number

My	residence,	post	office	address	and	citizenship	are	as	stated	below	next	to m	ny name
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is sought on the inventior	mes a entitl	are listed below) of the led <i>Borellia burgdorfe</i>	subject matter which is claimed ri Epitope Peptides the specifi	l and for whi cation of wh	ch a patent ich
(Check One)	3	is attached hereto OF was filed on Octobe 09/982,259 or PCT II on (if applicable	er 17, 2001 as United States nternational Application No	Application and was	Serial No. s amended
I hereby state that I had including the claims, as a			nd the contents of the above- (s) referred to above.	identified sp	ecification,
I acknowledge the duty accordance with Title 37,	o dise Code	close information which of Federal Regulations	h is material to the patentabilits, § 1.56.	y of this ap	plication in
foreign application(s) for which designated at leas identified below, by check	pater one king t	nt or inventor's certifica country other than the the box, any foreign ap	, United States Code, § 119(a) ate, or § 365(a) of any PCT in United States of America, listed oplication for patent or inventoring that of the application on which	nternational d below and 's certificate	application I have also , or of any
Prior Foreign	1				
Application Number()	Country	Date of Filing	<u>Priority</u> Yes	Claimed No
)	Country	Date of Filing		
Application Number(unde	-	Date of Filing S Code § 119(e) of any United S	Yes	No
Application Number(s	under	-		Yes	No
Application Number(s I hereby claim the benefit application(s) listed below	under	r Title 35, United States		Yes	No

Parent Filing Date

PCT Parent Number

POWER OF ATTORNEY: As a named inventor, I hereby revoke all previous powers of attorney and appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified invention application, all of the registered practitioners identified by Customer Number 22249:



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INV	/ENTOR'S SIGNATI	JRE		DATE		

_	FULL NAME OF INVENTOR	FIRST Name Guobao	MIDDLE Initial	LAST Name Zhang		
202	RESIDENCE & City CITIZENSHIP Piscataway		State or Foreign Country NJ	Country of Citizenship Peoples Republic of China		
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INV	ENTOR'S SIGNATU	RE		DATE		

	FULL NAME OF INVENTOR	FIRST Name Stanley	MIDDLE Initial	LAST Name Stein Country of Citizenship USA	
203	RESIDENCE & CITIZENSHIP	City East Brunswick	State or Foreign Country NJ		
	POST OFFICE ADDRESS	Residence Address 6 Rowan Court	City East Brunswick	State or Country NJ	Zip Code 08816
INV	ENTOR'S SIGNATU	RE		DATE	·

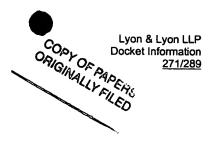
	FULL NAME OF INVENTOR	FIRST Name Leonard	MIDDLE Initial	LAST Name Sigal
204	RESIDENCE & CITIZENSHIP	City Plainfield	State or Foreign Country NJ	Country of Citizenship USA
	POST OFFICE ADDRESS	Residence Address 609 Belvidere Ave.	City Plainfield	State or Country Zip Code NJ 07062
INV	ENTOR'S SIGNATUR	RE L'OVAIL	of Migch	DATE 1261_

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205	RESIDENCE & CITIZENSHIP	City Columbus	State or Foreign Country NJ	Country of Citizenship USA	
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206	RESIDENCE & CITIZENSHIP	City Freehold			Country of Citizenship JSA	
	POST OFFICE ADDRESS	Residence Address 127 Paint Island Spring Rd.	City Freehold	State or Country NJ	Zip Code 07728	
INV	INVENTOR'S SIGNATURE					



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		reviewed and understanded by any amendment(nd the contents of the above- (s) referred to above.	identified sp	ecification,
		isclose information whic le of Federal Regulations	h is material to the patentabilis, § 1.56.	ty of this ap	plication in
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Prior Foreign	-(-)	Country	Date of Filing		Claimed
Application Numbe	r(s)			Yes	No
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§ 365(c) of any PCT in insofar as the subject States or PCT interna States Code, § 112, I	nternat matter tional a ackno	ional application designation of each of the claims of the claims of application in the manner owledge the duty to disc	es Code, § 120 of any United Sating the United States of Ame of this application is not discloser provided by the first paragra close information which is mate 156 which became available be	erica, listed to sed in the p aph of Title erial to pater	pelow and, rior United 35, United ntability as

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the prior application and the national or PCT international filing date of this application.

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IN\	/ENTOR'S SIGNATI	DATE			

202	FULL NAME OF INVENTOR	FIRST Name Guobao	MIDDLE Initial	LAST Name Zhang Country of Citizenship Peoples Republic of China	
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INV	INVENTOR'S SIGNATURE				

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INVENTOR'S SIGNATURE				DATE	

,
ip Code 8022

206	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Katz Country of Citizenship USA	
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Prior Foreign Application Number((s)	Country	Date of Filing	Priority Claimed Yes No			
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Lyon & Lyon LLP Docket Information 271/289

204	FULL NAME OF INVENTOR	FIRST Name Leonard	MIDDLE Initial	LAST Name Sigal	
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INVENTOR'S SIGNATURE DATE					

205	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Brunner	
	RESIDENCE & CITIZENSHIP	City Columbus	State or Foreign Country NJ	Country of Citizenship USA	
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	POST OFFICE ADDRESS	Residence Address 127 Paint Island Spring Rd.	City Freehold	State or Country NJ	Zip Code 07728	
INVENTOR'S SIGNATURE / Leskal / Jah DATE 2/22/02						